

## STEFANO PIETRONAVE

Professione : Ricercatore/Professore a Contratto

Sede lavorativa Università degli Studi del Piemonte Orientale

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## CURRICULUM

### EDUCATION:

**October 2001:** Degree in Biological Sciences, Università del Piemonte Orientale "A. Avogadro", Alessandria, score 104/110.

**February 2005:** PhD in Sciences of Bioactive Molecules, Università del Piemonte Orientale "A. Avogadro", Novara.

### RESEARCH EXPERIENCE:

- 1999-2001: Experimental Thesis in Environmental Microbiology "Influence of biotic and abiotic factors on human pathogens in a finished compost" in the laboratory of Microbiology, DISTA – (Dept. of Advanced Science and Technology), Università del Piemonte Orientale "A. Avogadro", Novara (Prof. Giovanna Martinotti)
- 2001-2004: PhD Student, thesis in Microbiology "Characterization of human isolated probiotic Lactobacillus spp strains", DISCAFF (Dept. of Alimentary, Chemical, Pharmaceutical and Pharmacological Sciences), Università del Piemonte Orientale "A. Avogadro", Novara (Prof. Giovanna Martinotti)
- 2002 Group Leader in the Microbiological Laboratory of the Italian Pharmaceutical Industry "PROGE FARM"
- 2004- present: Postdoctoral Research Fellow in the Laboratory of Histology, Dept. of Medical Sciences; Università del Piemonte Orientale "A. Avogadro", Novara (Prof. Maria Prat)

### TEACHING EXPERIENCE

2005-2007: Teacher, Course of "Cytology and Cell Cultures" for the degree in Biotechnology Università del Piemonte Orientale "A. Avogadro", Novara, Course Director, Prof. Maria Prat, Dr. Antonia Follenzi

2007- present: Assistant Professors of "Cytology and Cell Cultures" School of Medicine, Laboratory Technician), Università del Piemonte Orientale "A. Avogadro", Novara

### FIELDS OF INVESTIGATION AND AREA OF INTEREST

- Tyrosine Kinase Receptor: structure and function in physiology and pathology
- Adult Stem Cells

- Tissue engineering

## SCIENTIFIC ASSOCIATIONS

Member of the SIRC (Società Italiana Ricerche Cardiovascolari)

## PUBBLICAZIONI SCIENTIFICHE

### PUBLICATIONS

1. Pietronave S, Forte G, Locarno D, Zamperone A, Nicotra G, Isidoro C, Di Prat M. Agonist monoclonal antibodies against the HGF-receptor protect cardiomyoblasts from apoptosis. *Am J Phys, Heart and Circulatory Physiology*, [in Press].
2. Pietronave S, Iafisco M., Rimondini L., Prat. Functionalized nanomaterials for diagnosis and therapy of cancer. *J. of Appl. Biomat. Biochem*, 7:77-89.
3. Merlin S, Pietronave S, Locarno D, Valente G, Follenzi A, Prat M. Deletion of the ectodomain unleashes the transforming, invasive and tumorigenic potential of the *MET* oncogene. *Cancer Science*, 100(4):633-8, 2008.
4. Fracchia L, Pietronave S, Rinaldi M, Martinotti MG. Site-related airborne biological hazard and seasonal variations in two waste water treatment plants. *Water research* 40: 1985-1994, 2006.
5. Fracchia L, Pietronave S, Rinaldi M, Martinotti MG. The assessment of airborne bacterial contamination in three composting plants revealed site-related biological hazard and seasonal variations. *Journal of applied microbiology* 100:973-984, 2006.
6. Pietronave S, Fracchia L, Martinotti MG. Influence of biotic and abiotic factors on human pathogens in a finished compost. *Water research* 38:1963-1970, 2004.
7. Pietronave S, Malfa P, Martinotti MG. Characterization of human probiotic lactobacillus spp strains. *Nutrition Reproduction and Dev.* 44: 44-45, 2004.
8. Pietronave S, Fracchia L, Martinotti MG. Researchers analyze how microorganisms suppress pathogens re-growth in finished compost. *Biocycle* 57-60, 2002.

#### *Orario di Ricevimento*

*Lunedì 9.00 –12.00*

*Dipartimento Scienze Mediche (Ufficio Prof. Prat)*